

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138291.D
 Acq On : 21 Jun 2024 18:03
 Operator : CG\JU
 Sample : P2977-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C2

Quant Time: Jun 21 18:31:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

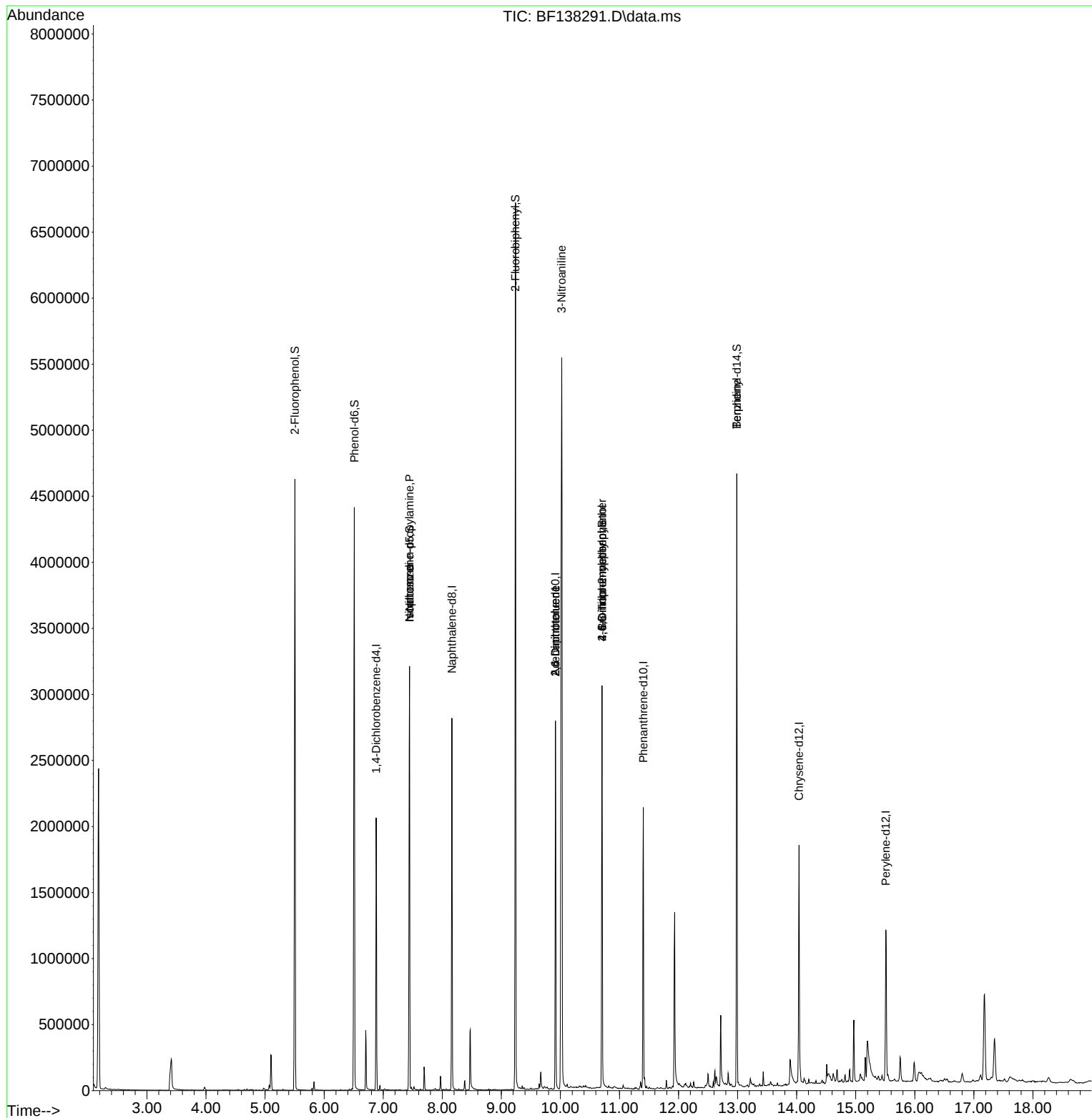
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	290407	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1105150	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	555348	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	744877	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	554798	20.000	ng	-0.01
86) Perylene-d12	15.510	264	538719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1347712	77.632	ng	0.00
7) Phenol-d6	6.510	99	1626047	73.866	ng	-0.01
23) Nitrobenzene-d5	7.445	82	991673	52.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	364639	65.955	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1893684	54.223	ng	-0.01
79) Terphenyl-d14	12.986	244	1493072	42.624	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	131236	10.057	ng	# 76
25) Isophorone	7.445	82	988561	28.790	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	72198	9.781	ng	# 25
53) 3-Nitroaniline	10.022	138	60417	7.661	ng	# 3
57) 2,4-Dinitrotoluene	9.916	165	72198	7.930	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	727	7.098	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22987	2.739	ng	# 1
77) Benzidine	12.986	184	18193	2.835	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
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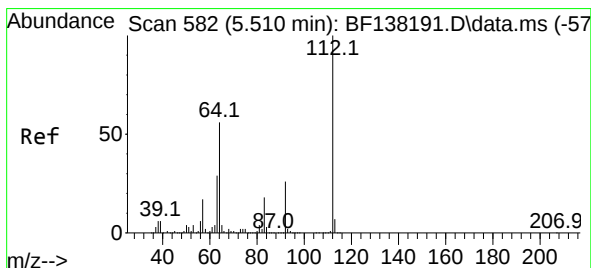
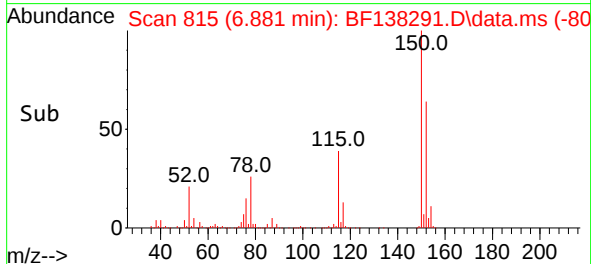
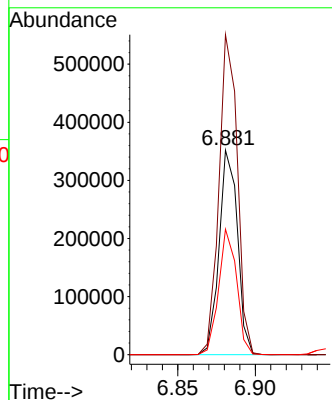
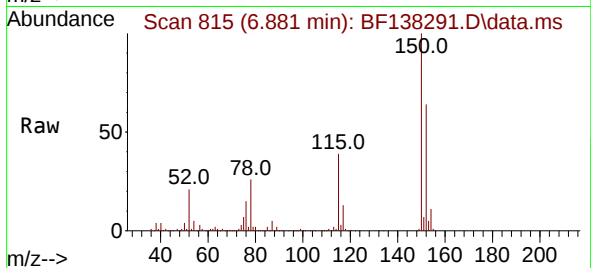




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138291.D
 Acq: 21 Jun 2024 18:03

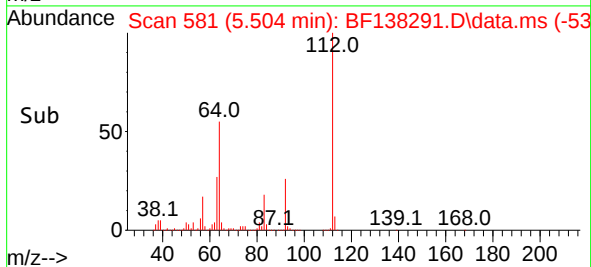
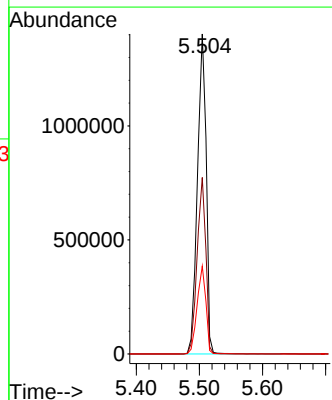
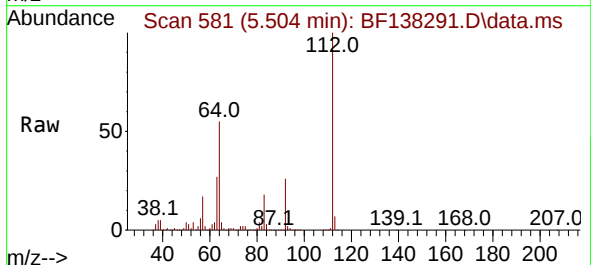
Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C2

Tgt Ion:152 Resp: 290407
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.0 187.4
 115 61.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 77.632 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: BF138291.D
 Acq: 21 Jun 2024 18:03

Tgt Ion:112 Resp: 1347712
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.2 67.8
 63 27.4 22.9 34.3

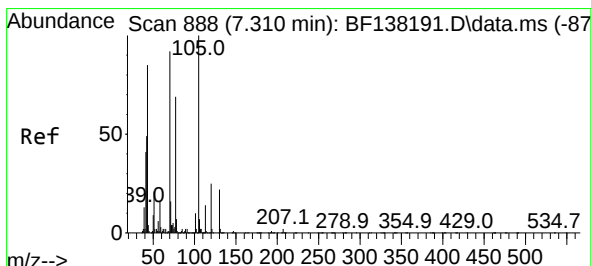
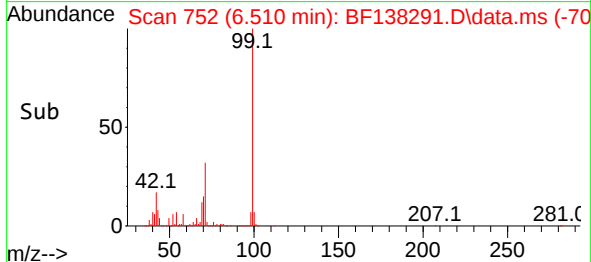
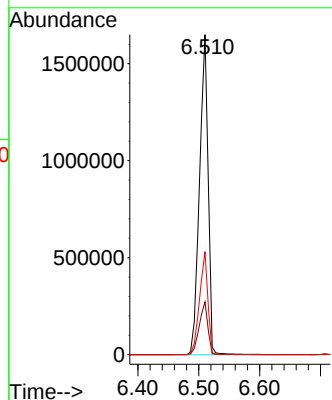
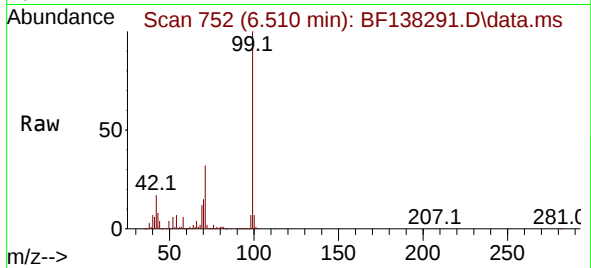




#7
Phenol-d6
Concen: 73.866 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

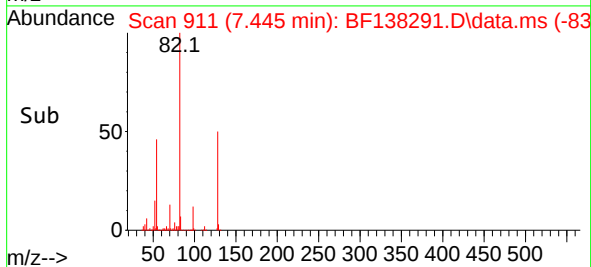
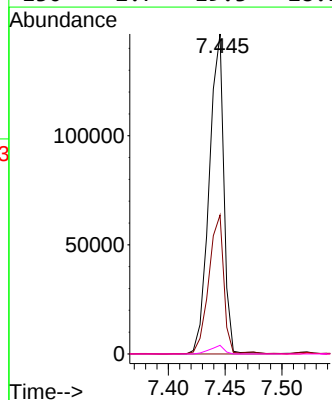
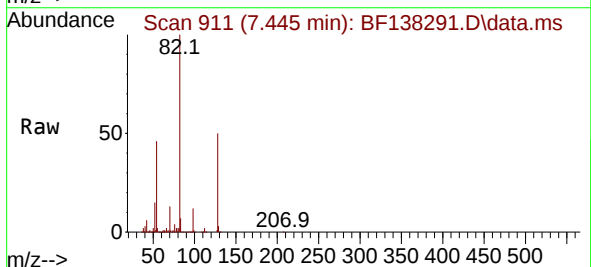
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ClientSampleId :
OSTL-C2

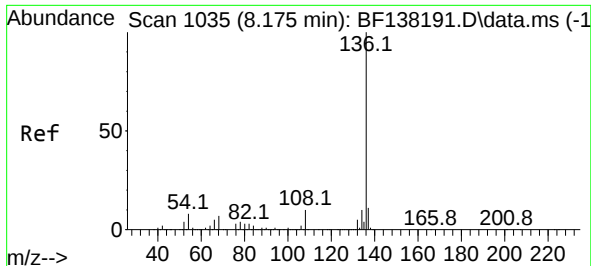
Tgt Ion: 99 Resp: 1626047
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 32.2 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.057 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

Tgt Ion: 70 Resp: 131236
Ion Ratio Lower Upper
70 100
42 43.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.7 19.3 28.9#

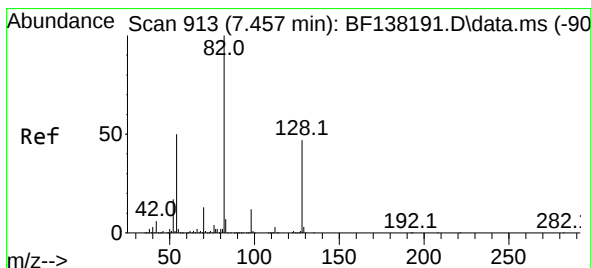
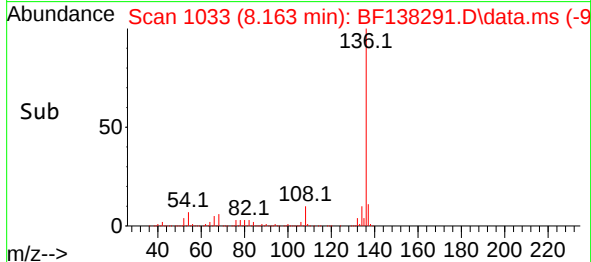
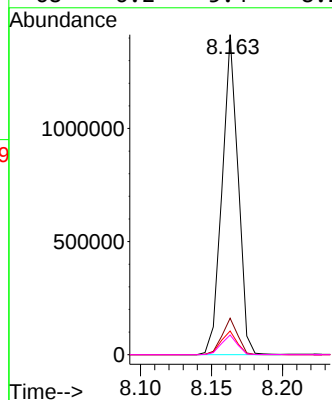
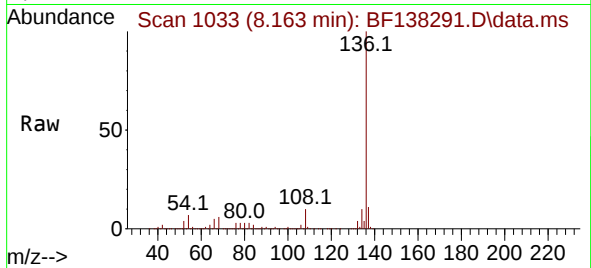




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

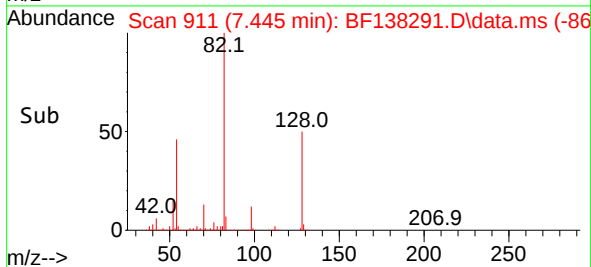
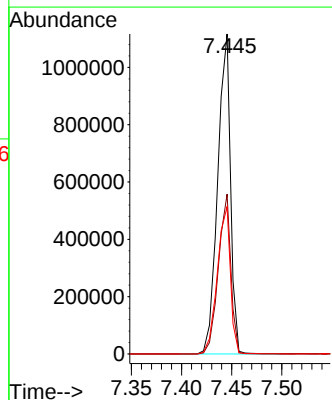
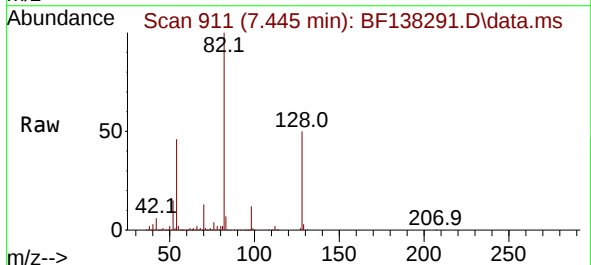
Instrument :
BNA_F
ClientSampleId :
OSTL-C2

Tgt Ion:136 Resp: 1105150
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.4 6.6 10.0
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 52.239 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

Tgt Ion: 82 Resp: 991673
Ion Ratio Lower Upper
82 100
128 49.9 37.2 55.8
54 46.0 39.8 59.6

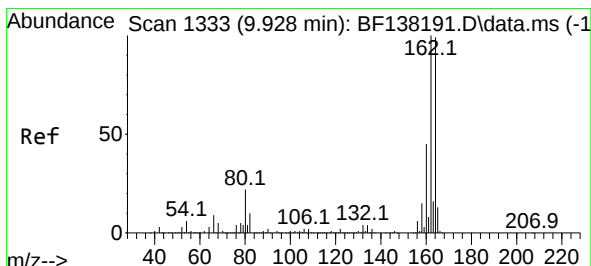
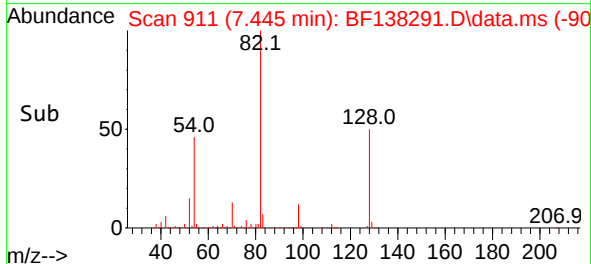
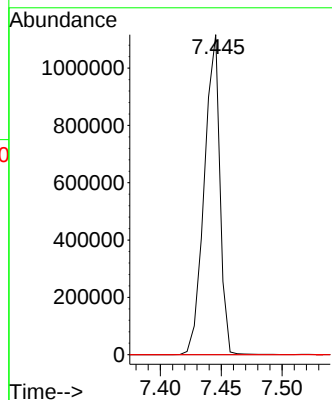
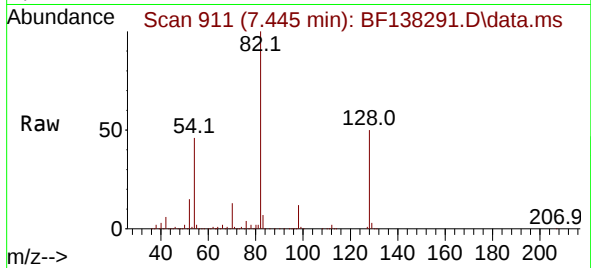




#25
Isophorone
Concen: 28.790 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

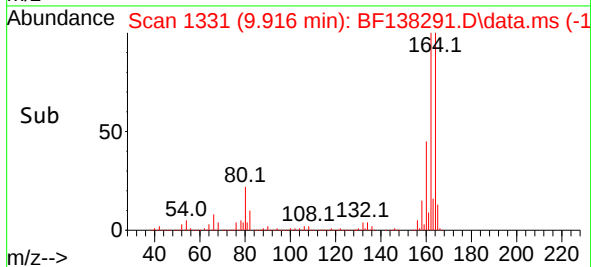
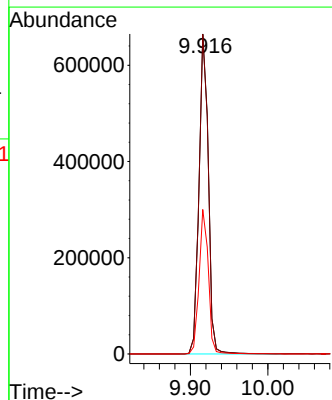
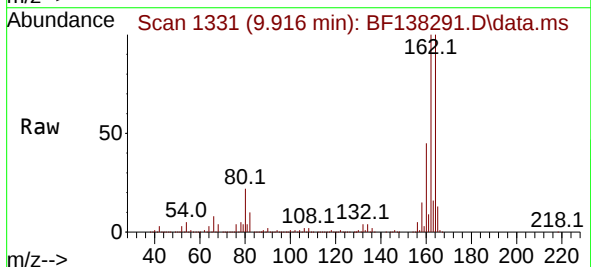
Instrument :
BNA_F
ClientSampleId :
OSTL-C2

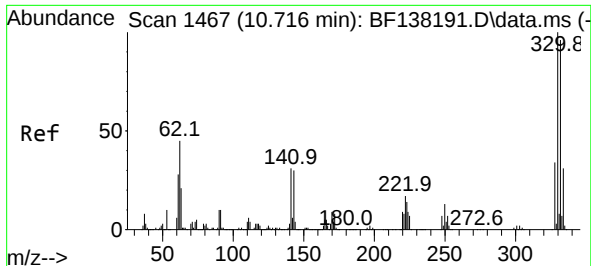
Tgt Ion: 82 Resp: 988561
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

Tgt Ion:164 Resp: 555348
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 45.2 36.3 54.5

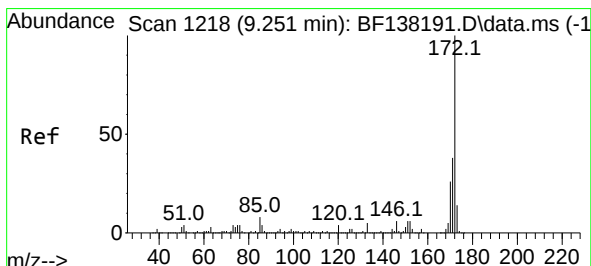
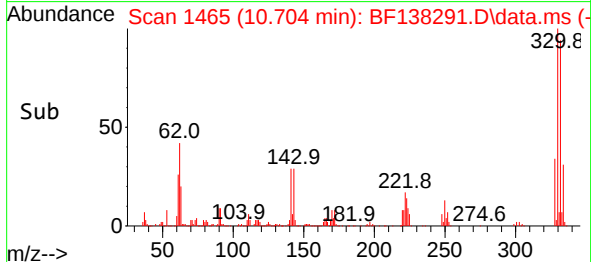
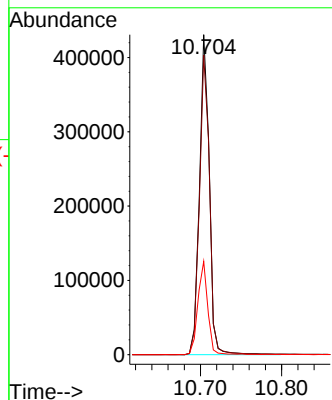
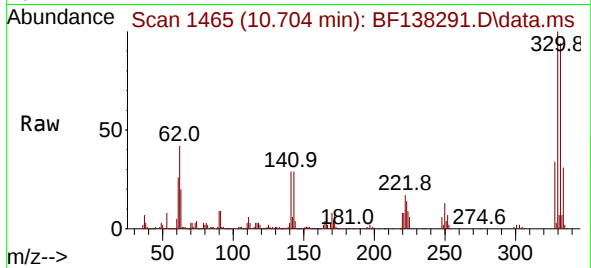




#42
2,4,6-Tribromophenol
Concen: 65.955 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

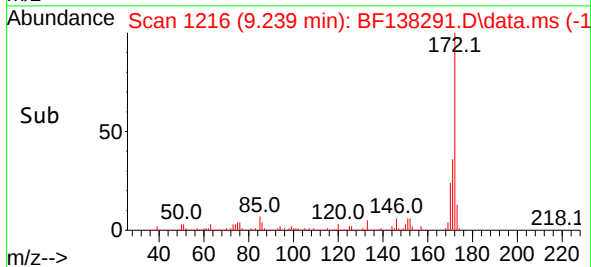
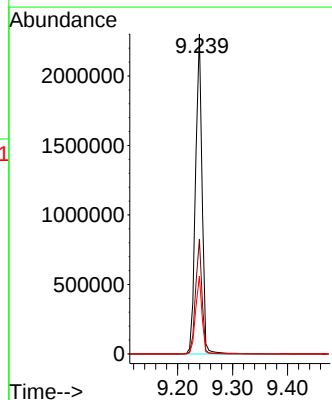
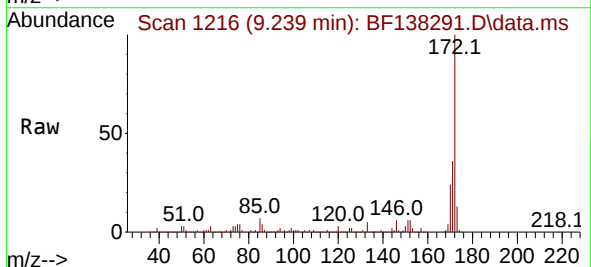
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OSTL-C2

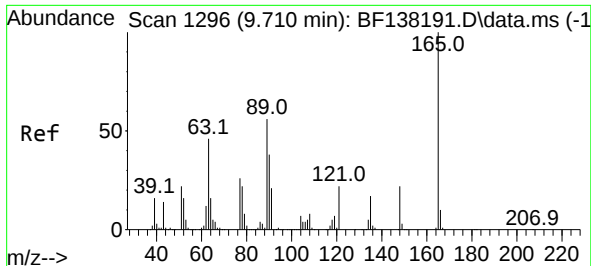
Tgt Ion: 330 Resp: 364639
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 29.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 54.223 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

Tgt Ion: 172 Resp: 1893684
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 24.3 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.781 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138291.D

Acq: 21 Jun 2024 18:03

Instrument :

BNA_F

ClientSampleId :

OSTL-C2

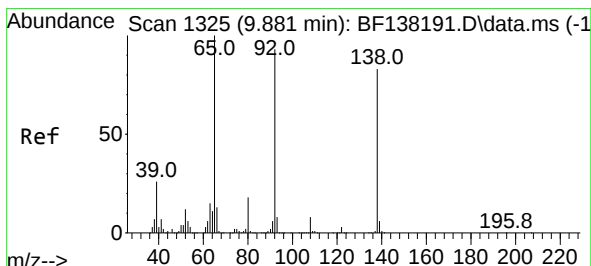
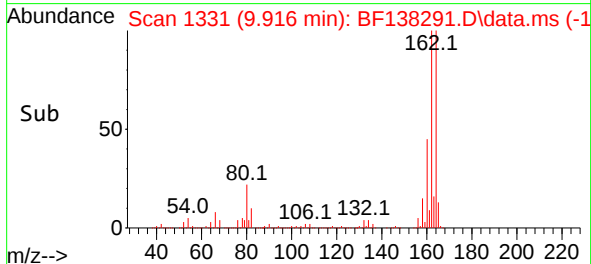
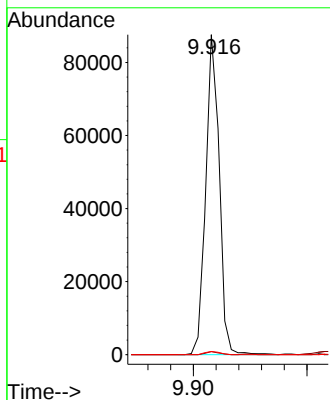
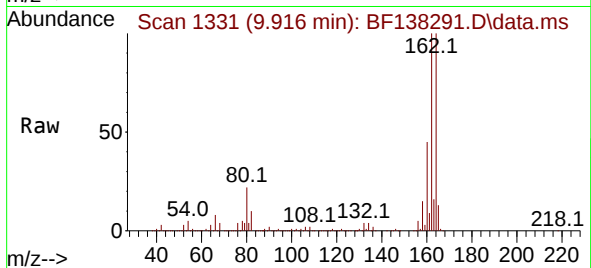
Tgt Ion:165 Resp: 72198

Ion Ratio Lower Upper

165 100

63 0.9 43.7 65.5#

89 1.0 44.9 67.3#



#53

3-Nitroaniline

Concen: 7.661 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.141 min

Lab File: BF138291.D

Acq: 21 Jun 2024 18:03

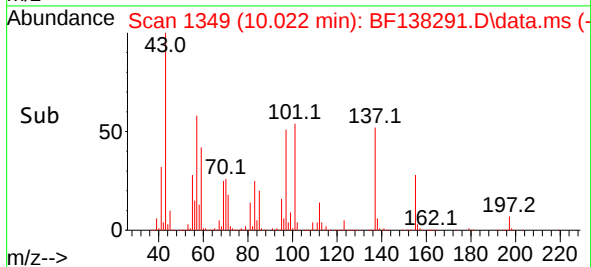
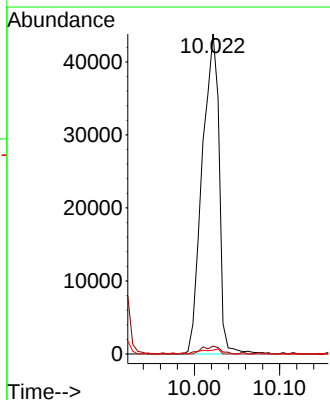
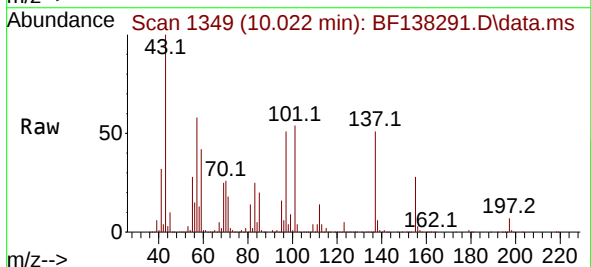
Tgt Ion:138 Resp: 60417

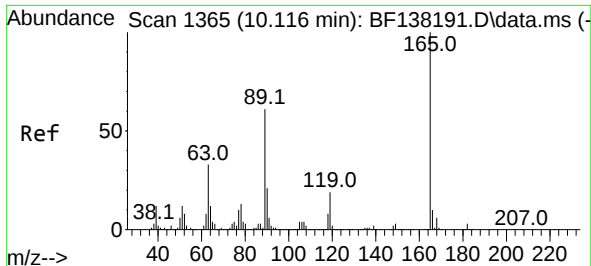
Ion Ratio Lower Upper

138 100

108 2.5 8.2 12.2#

92 1.2 90.0 135.0#

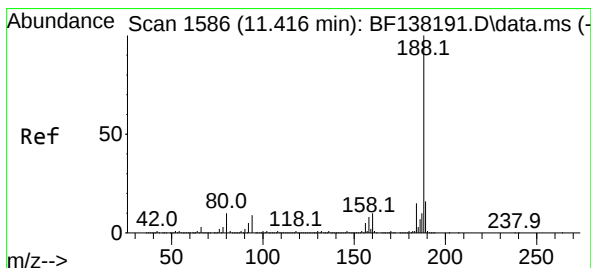
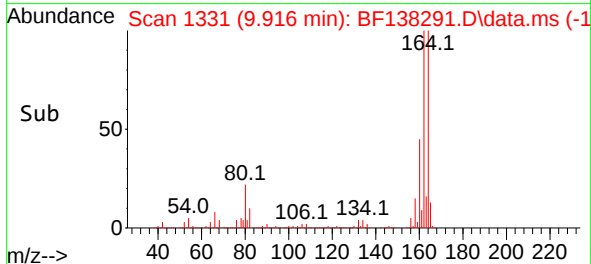
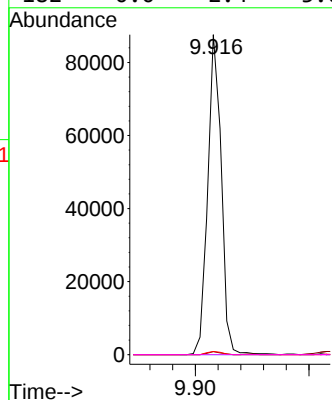
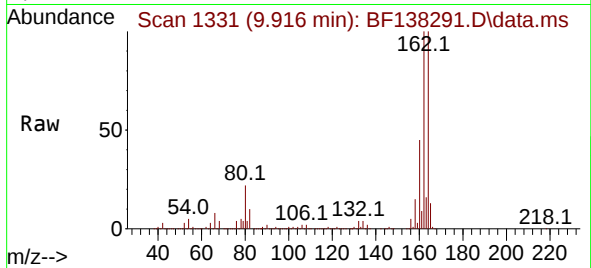




#57
2,4-Dinitrotoluene
Concen: 7.930 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

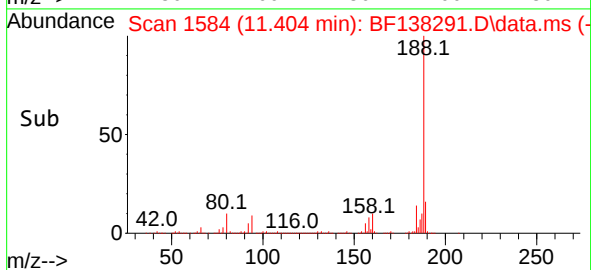
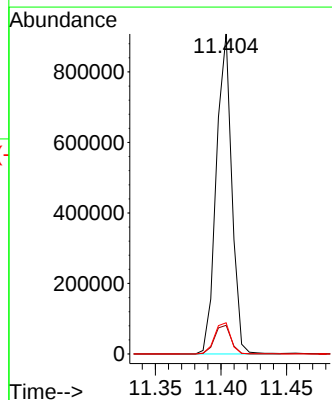
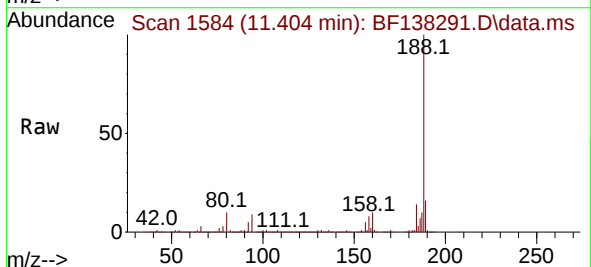
Instrument :
BNA_F
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OSTL-C2

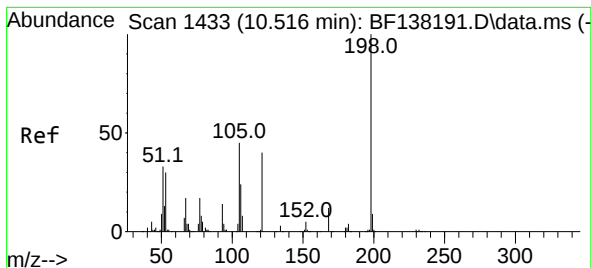
Tgt Ion:165 Resp: 72198
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

Tgt Ion:188 Resp: 744877
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.8 8.1 12.1

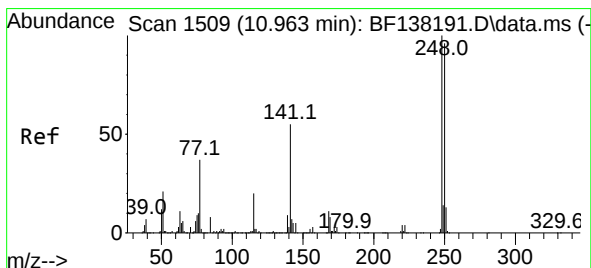
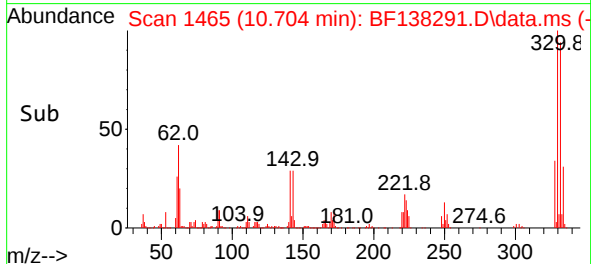
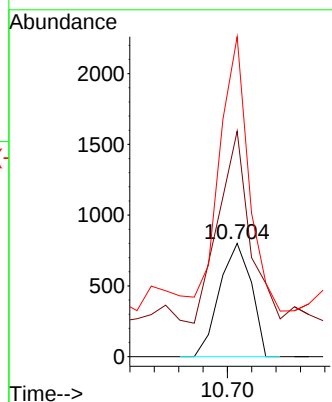
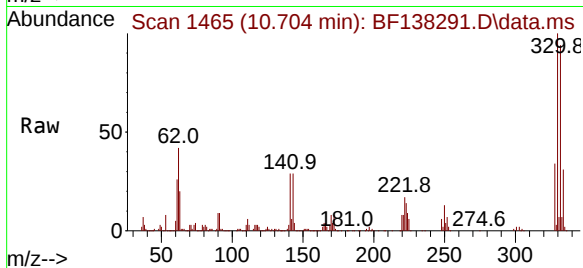




#65
4,6-Dinitro-2-methylphenol
Concen: 7.098 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

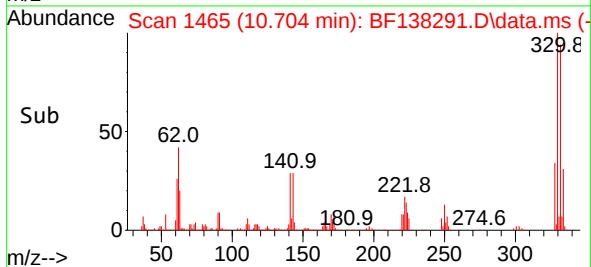
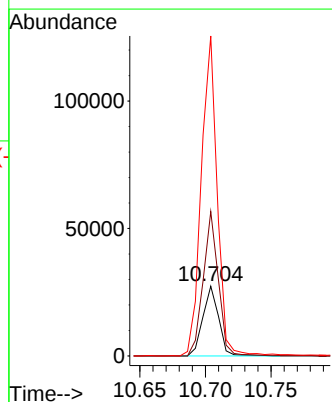
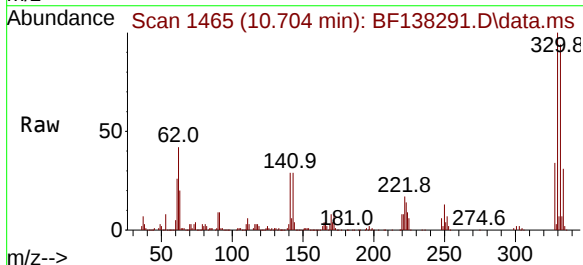
Instrument :
BNA_F
ClientSampleId :
OSTL-C2

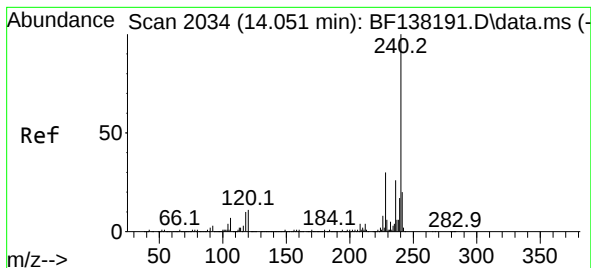
Tgt Ion:198 Resp: 727
Ion Ratio Lower Upper
198 100
51 199.3 26.9 66.9#
105 282.6 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 2.739 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138291.D
Acq: 21 Jun 2024 18:03

Tgt Ion:248 Resp: 22987
Ion Ratio Lower Upper
248 100
250 206.8 77.2 115.8#
141 458.2 44.1 66.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138291.D

Acq: 21 Jun 2024 18:03

Instrument :

BNA_F

ClientSampleId :

OSTL-C2

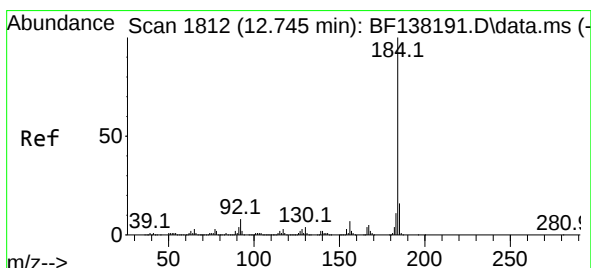
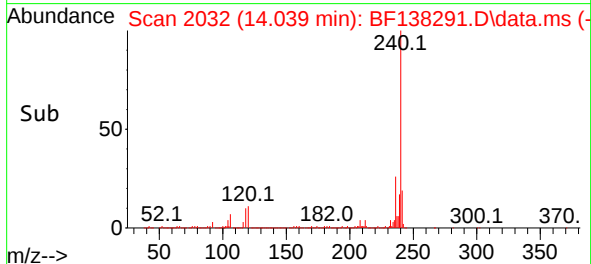
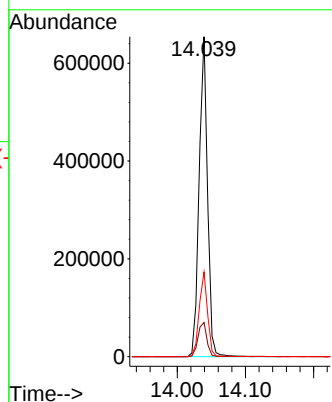
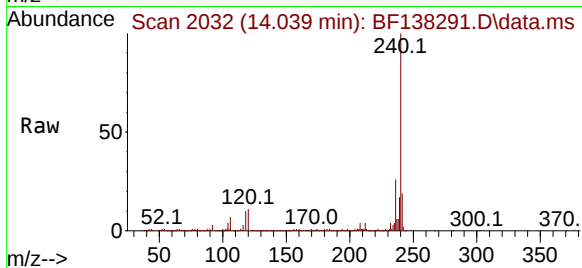
Tgt Ion:240 Resp: 554798

Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 26.5 21.0 31.6



#77

Benzidine

Concen: 2.835 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138291.D

Acq: 21 Jun 2024 18:03

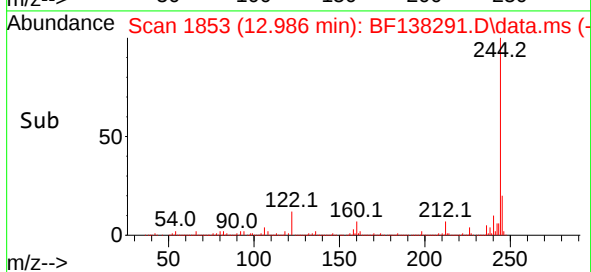
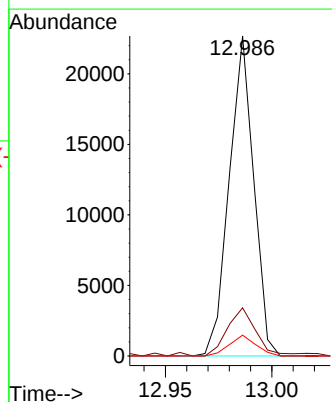
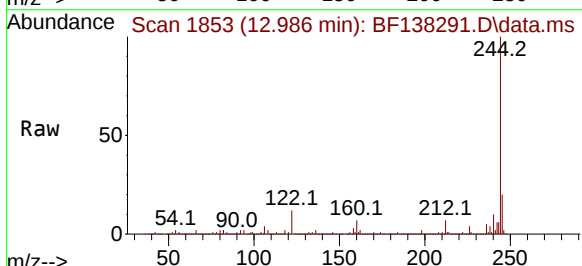
Tgt Ion:184 Resp: 18193

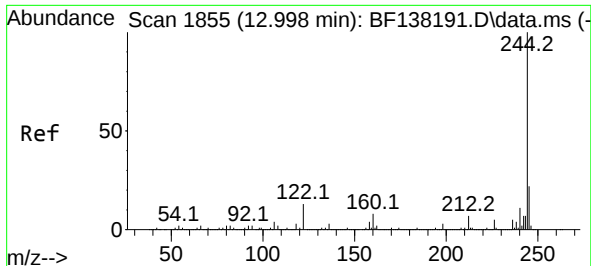
Ion Ratio Lower Upper

184 100

185 15.0 12.6 19.0

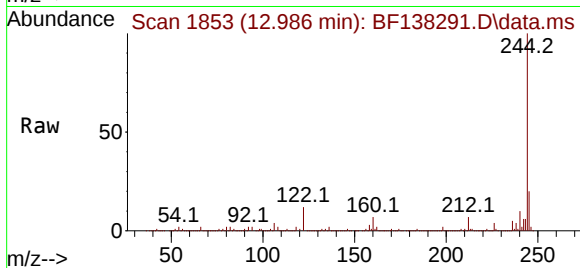
183 6.5 9.0 13.6#



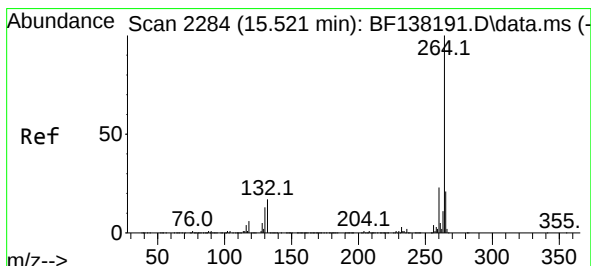
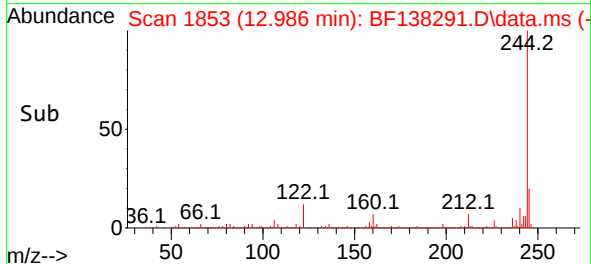
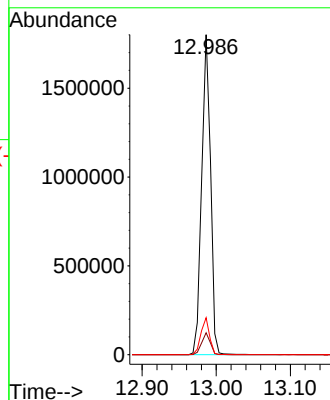


#79
 Terphenyl-d14
 Concen: 42.624 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138291.D
 Acq: 21 Jun 2024 18:03

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C2



Tgt Ion:244 Resp: 1493072
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.6 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138291.D
 Acq: 21 Jun 2024 18:03

Tgt Ion:264 Resp: 538719
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.9 17.0 25.6

